



DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION, CORPS OF ENGINEERS
424 TRAPELO ROAD
WALTHAM, MASSACHUSETTS 02254

REPLY TO
ATTENTION OF:

Date: AUG 27 1993

Corps Permit No. 93-1990

This is to inform you that we have reviewed your application to conduct activities as described on State Permit No. 93-493 (attached).

Based on our review of the information you provided to the NH Wetlands Board, we have determined that your project will have minor individual or cumulative impacts on the waters and wetlands of the U.S.. We hereby authorize your project under the New Hampshire State Program General Permit (NH SPGP, Permit No. 52). The New Hampshire Wetland Board issued a permit for this project on (date) July 20, 1993.

The activity must be performed in compliance with all the terms and conditions of the NH SPGP. Enclosed is a copy of the permit requirements. Please review it carefully to thoroughly familiarize yourself with its contents. You may wish to discuss the conditions with our contractor to ensure that the work can be accomplished in a manner that conforms to all requirements. You are responsible for complying with all of the permit's requirements and conditions; therefore, you should be certain that whoever does the work fully understands all of the conditions.


Please note that this determination does not constitute an authorization to proceed until all other applicable state and local permits are obtained.

Performing work not specifically authorized by this permit, starting work without obtaining other applicable state and local approvals, or failing to comply with the permit conditions may subject you to the enforcement provisions of our regulations.

If you have any questions, please contact us at 800-343-4789; or if you are in Massachusetts, call 800-362-4367.

Sincerely,

Enclosure


David H. Killoy, P.E., C.P.G.
Chief, Permits Branch
Regulatory Division

State of New Hampshire
WETLANDS BOARD

DEPARTMENT OF ENVIRONMENTAL SERVICES
64 North Main Street Post Office Box 2008 Concord, NH 03302-2008
603-271-2147 FAX 603-271-6588
TDD Access: Relay NH 1-800-735-2964



Director Water Resources Division • Director W.S.P.C. Division • Director Waste Management Division • Director State Planning
Director Fish and Game • Commissioner Dept. of Safety • Commissioner Dept. of Transportation • Commissioner D.R.E.D.
Municipal Conservation Commission • Soil and Water Conservation District • Municipal Official • Construction Industry

NOTICE - CONDITIONS

BY ORDER WETLANDS BOARD & WATER SUPPLY POLLUTION CONTROL DIVISION
POSTING PERMIT 93-00493

EXPIRATION DATE: July 20, 1995

This certifies that Luck Enterprises Inc. of PO Box 700, North Hampton, NH 03842 on July 20, 1993 was issued a N.H. Wetlands Board permit, and Water Supply & Pollution Control non-site specific permit, in accordance with RSA 482-A and RSA 485-A:17, to perform the following activities in or adjacent to:

City/Town: North Hampton
Tax Map: 13

Waterbody/Wetland: Unnamed Wetland
Lot Number: 73

Description: Dredge and fill total of 81,000 sq.ft. palustrine, wooded/schrub-shrub wetland (dominately white pine - red maple) to construct replacement septic system for 60 mobile home units with current system failure in accordance with plans received April 14, 1993 and functional evaluation received May 26, 1993.

SPECIFIC CONDITIONS:

1. There shall be no further alteration of wetlands for lot development, driveways, culverts, or for septic setback.
2. Siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
3. Dredge spoils shall be placed out of the Wetland Board's jurisdiction.
4. Coastal staff shall be notified prior to commencement of work and upon completion.

GENERAL CONDITIONS:

THIS PERMIT SHALL BE POSTED during construction in a secured manner in a prominent place at the site of the approved project.

This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others.

Notify Wetlands Board upon completion as inspection may be performed for conformity with permit.

This permit does not relieve the applicant from the obligation to obtain such other local, state or federal permits as may be required.

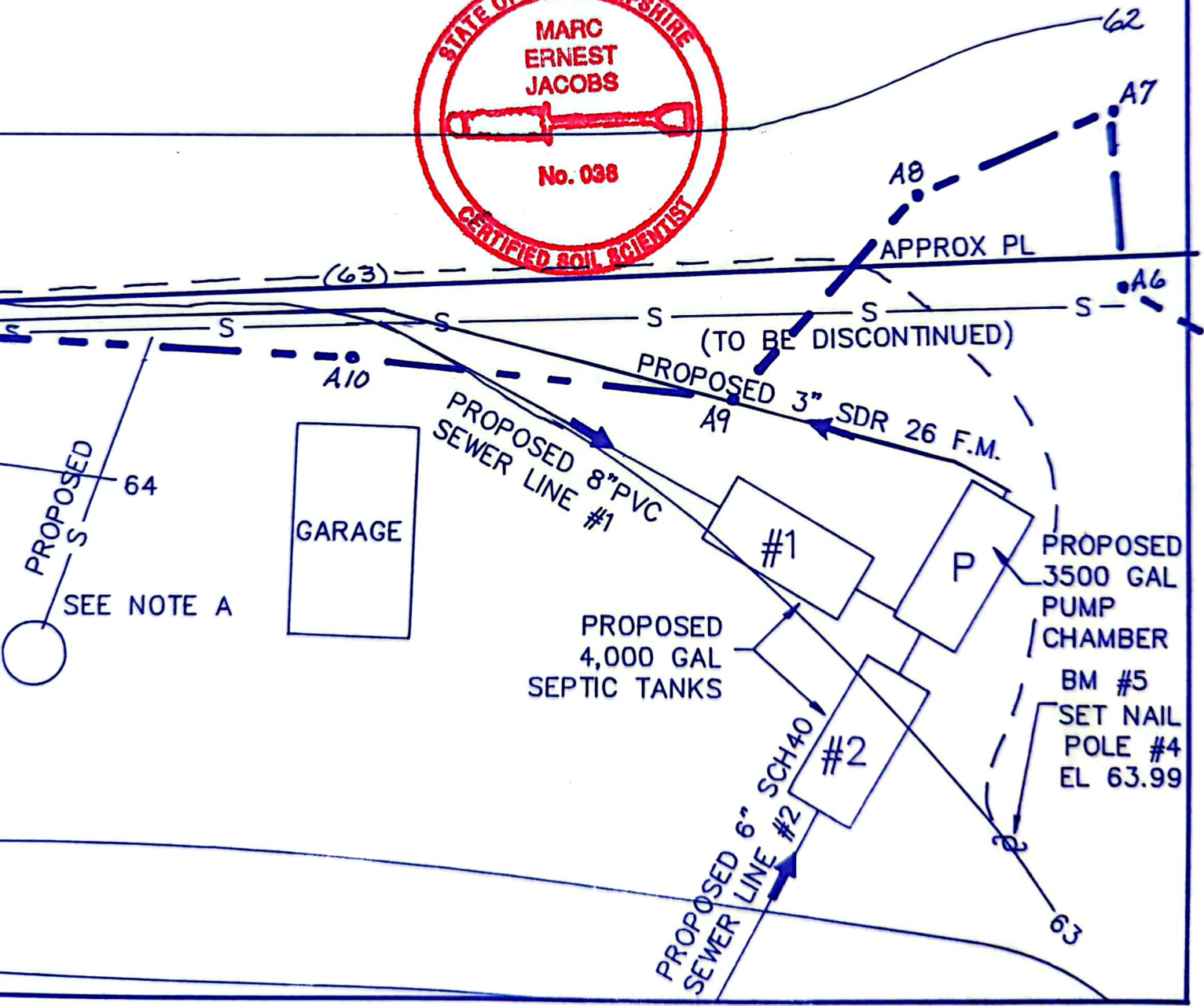
This permit is not to be transferred to new owner or extended beyond current expiration date with out written request and Wetland Boards approval.

OWNER'S SIGNATURE (Required)

CONTRACTOR'S SIGNATURE (Required)

OIL
ASS
38
RIC B

NEW HAMPSHIRE
Designer
of
Subsurface Drainage
Systems
Peter S. Blaisdell
No. 341



APPROVAL # 197433

The State of New Hampshire

COMMISSIONERS

J. WILLCOX BROWN, Chairman
BRUCE A. HOMER., P.E. Vice Chairman
CHARLES E. BARRY
JOHN C. COLLINS, P.E.
DELBERT F. DOWNING
RUSSELL DUMAIS
HERBERT A. FINCHER
RICHARD M. FLYNN
JAMES J. PAGE
WAYNE L. PATENAUDE
DAVID G. SCOTT
WILLIAM T. WALLACE., M.D., M.P.H.



*Water Supply and Pollution Control Commission
Hazen Drive — P.O. Box 95
Concord, N.H. 03301*

STAFF

WILLIAM A. HEALY, P.E.
Executive Director

DANIEL COLLINS, P.E.
Deputy Executive Director and
Chief Engineer

July 27, 1984

RECEIVED

JUL 31 1984

STATE OF NH - WETLANDS BOARD

L-792

Edward Luck
Twin Town Trailer Sales
Route 1
North Hampton, NH 03862

Subject: Request to fill to develop mobile home park, unnamed wetland,
Route 1, North Hampton.

Dear Mr. Luck:

The subject request has been duly considered, and is hereby approved
pursuant to RSA 149:8-a.

This permit is valid for two years from the date of issue under the
following conditions:

1. The permittee shall abide by all appropriate management practices
for the protection of water quality.
2. There shall be no interference with water supplies or fish and
other aquatic life; and
3. There shall be no degradation of the water quality below assigned
limits.

Very truly yours,

A handwritten signature in green ink, appearing to read "Peter H. Allen".

Peter H. Allen

PHA/js
cc: Delbert F. Downing

THE STATE OF NEW HAMPSHIRE
WETLANDS BOARD
Concord, N.H.

PERMIT

This certifies that Edward Luck
NH 03862 EXPIRES - August 21, 1986
of c/o Twin Town Trailer Sales, Rte. 1, N. Hampton, on August 21, 1984
in accordance with RSA 483-A (supp) was issued a permit No. L-792 to perform the following
activities in or adjacent to small seasonal wet area North Hampton
(water body) (town)
Construct road & culverts. Fill 100 cyds. for development of mobile home park.
(description)
in accordance with plans and specifications on file with the Wetlands Board.
Specific conditions:

As per plan and application. PER ORDER OF WETLANDS BOARD

Delbert F. Downing
Chairman

THIS PERMIT SHALL BE POSTED DURING CONSTRUCTION IN A SECURED MANNER IN A PROMINENT PLACE AT THE SITE OF THE APPROVED PROJECT.

Notify Board upon completion. Inspection may be made for conformity with permit.
Tel. (603) 271-2147

Stockton Services
PO Box 1306
Hampton, NH 03842
(603) 926-7795

James Falicon
Subsurface Bureau
NHDES-WS&PCD
PO Box 95
Concord, NH 13302-0095

January 27, 1992

Dear Jim:

As you have heard, Stockton Services is in the process of preparing a proposal for a replacement system at Shel-Al Mobile Home Park and Campground in North Hampton. Peter Blaisdell (NH PE #1949, Designer Permit #341) will be the designer for the project. Observance of effluent in a stormwater catch basin on the site has provided convincing evidence that the existing system in question is not handling daily flows and must be replaced. It is our conclusion based on site inspection and information provided by the owner that no suitable location exists on the original park property for an adequate replacement system. There is abutting land under the same ownership which is adequate in size for such a system; the available undeveloped area, however, consists almost entirely of Hydric B soils. At an informal meeting with a soil scientist I was told that small isolated areas could possibly be excluded from Wetlands Board jurisdiction based on vegetative criteria; from a procedural standpoint, I would prefer to have your support in hand before committing my client to the expense of a detailed wetland delineation. For purposes of discussion I am willing to concede that all Hydric B soils in the area are jurisdictional wetlands and that our proposed wetland disturbance could be as high as 83,000 square feet.

I have spoken briefly with Frank Richardson about the proposal and his initial response was (understandably) that the idea of locating a new septic system in jurisdictional wetlands was unheard of. During the course of our conversation I asked if a recommendation from the Subsurface Bureau in support of the proposal would be of any value. He indicated that such a recommendation would be not only be necessary but would have to be included as part of the application before the Wetlands Board would even

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consider the proposal. The purpose of this letter is to request such a recommendation; our conclusion that locating this replacement system in wetlands is the only viable alternative is based on the following information:

The original (23 acre) park has been under substantially the same ownership since 1966. Some additional mobile homes were added immediately after the property was purchased, but the owner believes that structures and facilities generating the current septic loading were in place within a year of purchase. Said structures and facilities are as follows:

- One 3 bedroom house with park office.
- 68 seasonal camping sites with 3-way hookups.
- 135 seasonal tenting sites serviced by 2 bath houses.
- 60 year round 2 bedroom mobile homes.

Of these, 55 3-way hookup sites and 1 bath house (presumably handling 1/2 of total flow from 135 tent sites) are serviced by a replacement system at the rear of the property which was approved (#186166) and installed in 1991. According to the owner, the house/office building, the remaining thirteen 3-way hookup sites, the other bath house, and nine of the sixty mobile homes are serviced by other on-site systems. The remaining 51 mobile homes are serviced by the failed system in question, which is also located at the extreme rear of the property.

Our reasons for rejecting the existing system location as a potential replacement site are as follows:

1. The existing system is immediately adjacent to a drainageway feeding into the railroad drainage system and eventually into Little River which runs not far from the other side of the tracks.
2. The existing system area as shown on approved plan #186166 is less than 1/3 the area that would be required for a pressure distribution replacement system.
3. In my opinion, the proximity of the adjacent new system has likely caused an overlapping of receiving area use by the two systems which may have contributed to the failure of the old system. I further suggest that the continued existence of a second system of any substantial size in that location will jeopardize the viability of the new system as well.

The park derives its water supply from two community wells located some distance apart near Route 1. This eliminates the possibility of a replacement system at the front of the property. The only other unoccupied space of any size is the playground behind the tenting area. According to approved plan #186166, this is the area of the failed system which was relocated according to that plan. The owner has told me that this area also receives overflow effluent from the upper bath house system located under some of the tenting sites (also shown on the approved plan). The area shown for the existing system is slightly over half what would be required for a pressure distribution system for the 51 mobile homes in question, is bounded on three sides by drainage swales within required setbacks, is already used as receiving area for a bath house presumed to discharge about 5,000 gallons per day. Accordingly, I believe that the same criteria used to reject the original system location as a viable replacement site apply for this location as well.

Dennis Plante has looked at the site and indicated agreement with our conclusions. Peter Hammen is tentatively scheduled to visit the site on Friday, February 5th and will be able to give you his input as well. If you have any questions or comments about the information provided in this letter, I would be glad to go over them with you. I can be reached at 926-7795. Thanks in advance for your assistance.

Anne W. Bialobrzewski
Stockton Services

cc: Frank Richardson

APPROVAL FOR CONSTRUCTION

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. 197433

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER:

Lot Numbers:

Subd. Appl. No.: SHEL-AL MOBILE HOME PARK
Subd. Name:

County: ROCK.

Registry Book No.: 1825/2486

Registry Page No.: 527/1766

Probate Docket No.:

(If Applicable)

Type of System: 00000000BR
0162006PD

Town/City Location: NORTH HAMPTON

Street Location: LAFAYETTE ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 410.05)

BY APPLICANT: PERMIT NO. 0000000341

STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03842

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES
IN PLANS AS INDICATED BELOW CONDITIONS

ALTHOUGH THE SEPTIC SYSTEM AS APPROVED HEREIN MEETS ALL ENV-WS 1000 RULES AS SUBMITTED, PLEASE BE ADVISED THAT CONSTRUCTION ON THIS LOT MAY INVOLVE DREDGING AND FILLING A JURISDICTIONAL WETLAND, AND IF SO SHALL REQUIRE WETLANDS BOARD APPROVAL PRIOR TO CONSTRUCTION.

Approved this date:

Date amended:

03/29/93

By:

JAMES FALICON

Amended by:

(OVER)

REVISED 8/91

APPLICANT'S

DESIGN LOADING

PROPOSED SYSTEM TO SERVICE 54 2-BEDROOM MOBILE HOMES AT 300 GPD EACH FOR TOTAL DESIGN FLOW OF 16,200 GPD. AREA REQUIRED @ 2 MIN/IN = 125 X 162 = 20250 TOTAL SF 2 90' X 110' LEACH FIELDS = 9900SF X 2 = 19800 SF PROPOSED. (METERED FLOWS FROM SIMILAR MOBILE HOME PARK IN AREA INDICATE ACTUAL AVERAGE FLOW PER UNIT OF 200 GPD±). VOLUME OF STONE REQUIRED UNDER BED (6" DEPTH) = 10125 CU FT. VOLUME OF STONE PROVIDED (9" DEPTH) = 15188 CU FT. WITH THE IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.H. DEPT. OF ENVIRONMENTAL SERVICES WATER SUPPLY & POLLUTION CONTROL DIVISION

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

Signed: 3/29/93
Date:

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

LOCUS: SHEL-AL MOBILE HOME PARK

NORTH HAMPTON, NH

OWNER: LUCK ENTERPRISES, INC.

PO BOX 700

NORTH HAMPTON, NH 03862

APPLICANT:

STOCKTON SERVICES

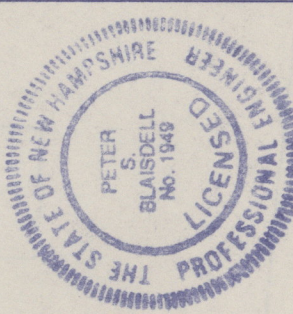
PO BOX 1306

HAMPTON, NH 03842

DATE: MARCH 10, 1993

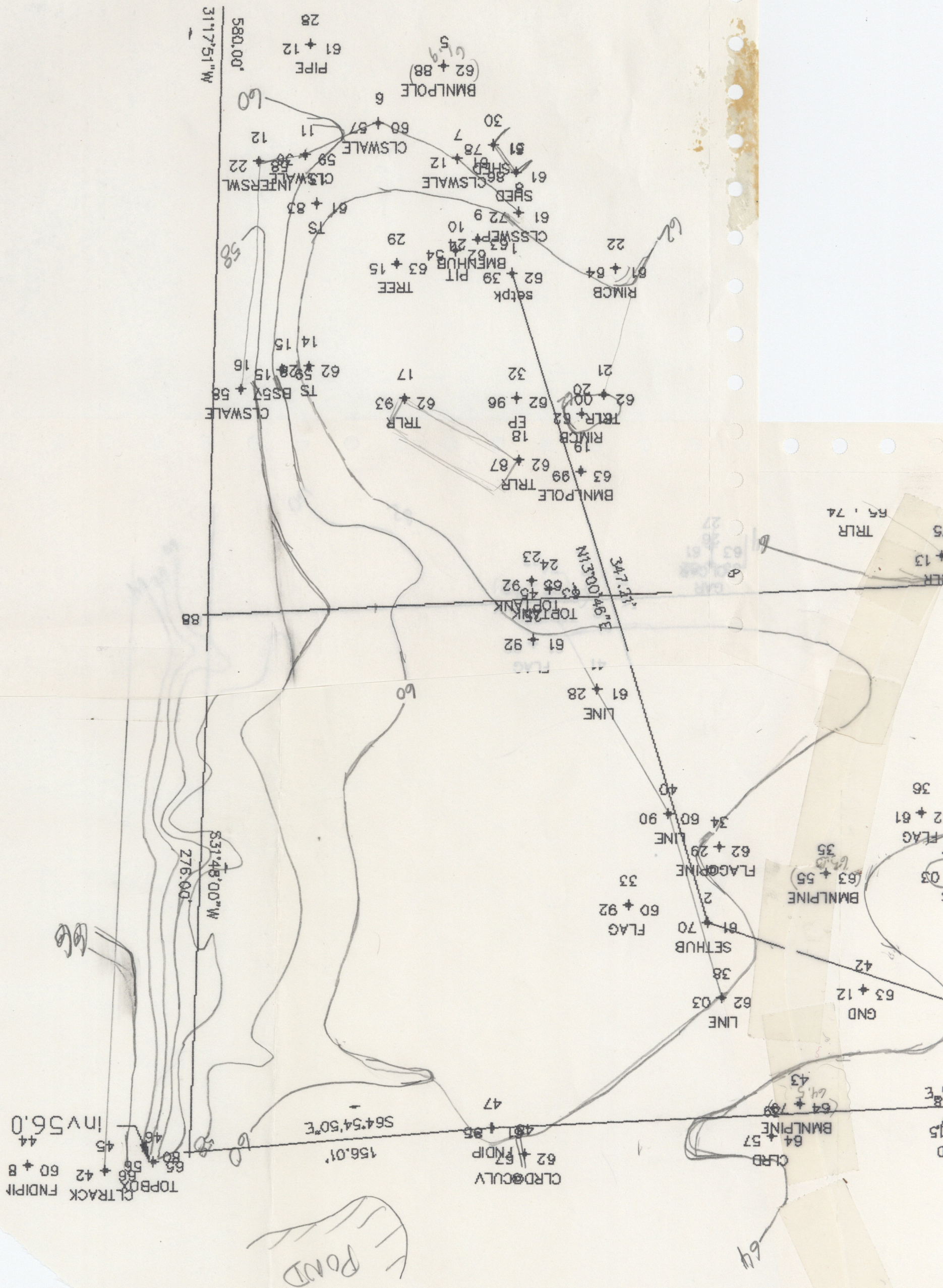
APPROVAL:

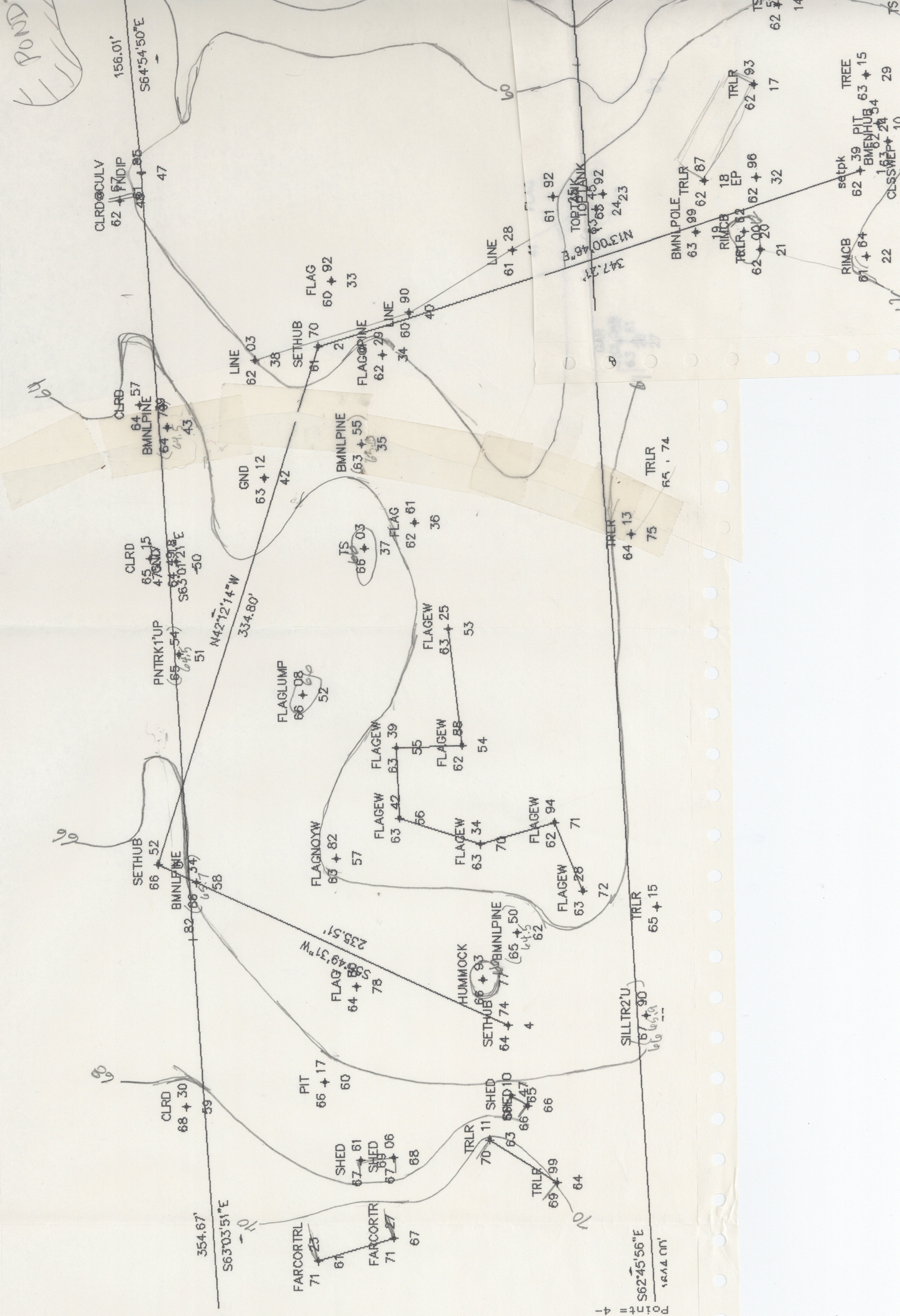
166 SHEET 1 OF 3 SHEETS



DESIGNER
OF
SEWAGE DISPOSAL
SYSTEMS
Peter S. Blaisdell
No. 341







Command= 210-

Point#, Start#-End# or G#= 1-348

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----08-24-2023-----15:28:20-----D:...\BMTHIRD							
	62.39		SETPK	1	5000.0000	5000.0000	TRA
	61.70		SETHUB	2	5338.2936	5078.1807	OCC
	66.52		SETHUB	3	5586.2997	4853.2718	TRA
	64.74		SETHUB	4	5454.0094	4658.4277	TRA
	62.88		BMNLPOLE	5	4889.9397	4977.0874	SS
	60.57		CLSWALE	6	4898.6377	5020.3252	SS
	61.12		CLSWALE	7	4934.5694	4994.3983	SS
	61.72		CLSSW	8	4974.6017	4981.6904	TRA
	63.24		BMFNHUB	9	4976.0319	5006.7113	SS
	62.54		PIT	10	4975.4657	5019.4038	SS
	59.36		CLSWALE	11	4894.1280	5060.8238	SS
	58.22		INTERSWL	12	4885.0931	5083.1906	SS
	61.83		TS	13	4918.9773	5068.6104	SS
	62.28		TS	14	4989.5435	5113.5797	SS
	59.15		BS	15	4983.9998	5126.1090	SS
	57.58		CLSWALE	16	4982.4688	5149.3546	SS
	62.93		TRLR	17	5028.3890	5079.6840	SS
	62.87		TRLR	18	5085.3657	5044.9136	SS
	63.99		BMNLPOLE	19	5105.9423	5020.4604	SS
	61.62		RIMCB	20	5080.5091	5005.0930	SS
	62.00		TRLR	21	5077.3952	4990.7164	SS
	61.64		RIMCB	22	5024.3212	4952.9099	SS
	63.92		TOPTANK	23	5142.5290	5070.4732	SS
	63.45		TOPTANK	24	5150.7175	5064.6547	SS
	61.92		FLAG	25	5169.3491	5084.9023	SS
	63.82		GAR	26	5178.4830	4985.8886	SS
	63.61		POLGAR	27	5171.2905	4981.3759	SS
	61.12		PIPE	28	4846.1583	5030.4181	SS
	63.15		TREE	29	4966.2400	5048.6668	SS
	61.78		SHED	30	4937.6127	4975.1885	SS
	61.86		SHED	31	4955.7171	4972.3809	SS
	62.96		EP	32	5056.8030	5029.9175	SS
	60.92		FLAG	33	5310.6777	5108.7957	SS
	62.29		FLAG@PIN	34	5307.1550	5053.4413	SS
	63.55		BMNLPINE	35	5346.9499	5012.7508	SS
	62.61		FLAG	36	5343.8853	4954.8574	SS
	66.03		TS	37	5378.0921	4956.9566	SS
	62.03		LINE	38	5375.6992	5090.8097	SS
	64.57		CLRD	39	5450.4035	5103.0725	SS
	60.90		LINE	40	5279.9036	5067.9474	SS
	61.28		LINE	41	5206.1049	5068.0022	SS
	63.12		GND	42	5408.6594	5025.3518	SS
	64.79		BMNLPINE	43	5443.1038	5082.5206	SS
	60.85		FNDIPIN	44	5274.7548	5441.8089	SS
	66.42		CLTRACK	45	5296.5978	5408.8235	SS
	65.56		TOPBOX	46	5304.6222	5385.3865	SS

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----08-24-2023-----15:28:20-----D:... \BMTHIRD							
	61.95	FNDIP	47	5375.9911	5225.5552	SS	
	62.67	CLRD@CUL	48	5395.9585	5217.7655	SS	
	65.15	CLRD	49	5493.8008	5018.5139	SS	
	64.18	GND	50	5481.0257	5008.6944	SS	
	65.54	PNTRK1'U	51	5509.3614	4958.2333	SS	
	66.08	FLAGLUMP	52	5457.0389	4898.0282	SS	
	63.25	FLAGEW	53	5360.0863	4887.6449	SS	
	62.88	FLAGEW	54	5389.6027	4821.6037	SS	
	63.39	FLAGEW	55	5424.4914	4840.7772	SS	
	63.42	FLAGEW	56	5445.4290	4802.3847	SS	
	63.82	FLAGNOYW	57	5491.0190	4800.5800	SS	
	66.34	BMNLPINE	58	5571.7972	4831.5238	SS	
	68.30	CLRD	59	5647.6568	4715.6609	SS	
	66.17	PIT	60	5567.7148	4685.5584	SS	
	71.23	FARCORTR	61	5627.5982	4592.5727	SS	
	65.50	BMNLPINE	62	5419.8507	4704.4826	SS	
	70.11	TRLR	63	5499.5558	4603.2987	SS	
	69.99	TRLR	64	5477.6314	4559.8792	SS	
	66.10	SHED	65	5474.4236	4620.3780	SS	
	66.47	SHED	66	5468.9368	4609.7972	SS	
	71.27	FARCORTR	67	5580.7960	4581.0756	SS	
	67.06	SHED	68	5555.5678	4624.0471	SS	
	67.61	SHED	69	5573.5626	4632.8438	SS	
	63.34	FLAGEW	70	5411.1126	4762.9689	SS	
	62.94	FLAGEW	71	5365.5423	4751.5703	SS	
	63.28	FLAGEW	72	5372.4104	4706.5460	SS	
	67.90	SILLTR2'	73	5378.2671	4620.7414	SS	
	65.15	TRLR	74	5338.6981	4674.7442	SS	
	64.13	TRLR	75	5234.0050	4880.6705	SS	
	65.74	TRLR	76	5190.3949	4906.4211	SS	
	66.93	HUMMOCK	77	5452.4151	4690.9586	SS	
	64.80	FLAG	78	5520.8932	4726.7212	SS	
			80	5309.6611	5367.2449	TRA	
			81	5375.8062	5225.9511	TRA	
			82	5591.6347	4801.9522	TRA	
			83	5752.2975	4485.7587	TRA	
			84	6020.5016	3962.8492	TRA	
			85	5075.0907	5221.8051	TRA	
			86	5827.4354	3760.0550	INT	
			87	5827.4354	3760.0550		
			88	5075.0875	5221.8035	TRA	
			89	4579.4883	4920.5041	TRA	
			90	5364.5931	3289.6422	TRA	
			91	4999.9002	5000.1939	TRA	
			92	5366.5708	4612.1713	TRA	
	61.88	B1	93	5404.5999	5170.1776	SS	
	63.46	B2	94	5429.4567	5114.2709	SS	
	64.30	B3	95	5477.1568	5022.2486	SS	
	64.44	B4	96	5513.6727	4950.8505	SS	
	64.79	B5	97	5568.1697	4837.7758	SS	
	66.03	B6	98	5614.0571	4749.0860	SS	
	68.31	B7	99	5663.3655	4637.0980	SS	
	67.48	B8	100	5607.5283	4645.4432	SS	
	66.45	B9	101	5539.6536	4633.6304	SS	
	66.42	B10	102	5500.8897	4629.8293	SS	
	65.83	L5B11	103	5467.8297	4619.7098	SS	
	62.99	C1	104	5359.5435	4887.8005	SS	
	64.12	C2	105	5404.1737	4886.9849	SS	

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
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	64.81		C3	106	5442.9883	4894.9182	SS
	64.18		C4	107	5474.3506	4884.2269	SS
	64.77		C5	108	5472.3492	4892.3346	SS
	63.94		C6	109	5451.9676	4907.2193	SS
	64.60		C7	110	5433.7142	4934.0749	SS
	64.44		C8	111	5406.9831	4959.1071	SS
	63.98		C9	112	5366.6260	4969.6567	SS
	63.41		C10	113	5351.8058	4934.8535	SS
	66.48			114	5586.3145	4853.2584	SS
	62.44		A7	115	5170.2572	5070.9943	SS
	62.49		A6	116	5152.5803	5061.9637	SS
	62.66		L2A5	117	5133.7909	5070.6859	SS
	62.06		L5A4	118	5123.6642	5086.2217	SS
	62.16		R3A8	119	5172.7334	5049.8306	SS
	62.70		R4A9	120	5161.1308	5021.0715	SS
	63.41		A10	121	5188.2528	4982.7464	SS
	63.16		A11	122	5215.4424	4940.8649	SS
	63.89		R10A12	123	5246.6146	4904.5594	SS
	66.77		B12	124	5459.1109	4560.3202	SS
	66.93		L2B13END	125	5458.6929	4520.2971	SS
	66.90		A32END	126	5453.9116	4518.3477	SS
	66.41		A31	127	5435.8213	4537.9630	SS
	65.46		A29	128	5402.6384	4586.8305	SS
	66.34		A28	129	5398.7018	4602.2983	SS
	65.91		A27	130	5387.5160	4622.8568	SS
	64.55		A26	131	5392.9700	4635.3963	SS
	64.47		A25	132	5379.0337	4636.1690	SS
	64.51		A24	133	5354.0793	4668.9254	SS
	64.32		A23	134	5349.8053	4685.2468	SS
	64.29		A22	135	5330.4739	4708.5861	SS
	64.10		L3A21	136	5327.9347	4730.5778	SS
	64.47		A19	137	5323.9641	4770.9375	SS
	64.83		R9A20	138	5318.5792	4758.3454	SS
	64.36		A18	139	5328.8371	4797.1938	SS
	64.56		A17	140	5311.7740	4808.3111	SS
	64.26		L2A16	141	5300.3134	4820.0580	SS
	64.50		L2A15	142	5288.6774	4839.0562	SS
	64.26		L6A14	143	5281.2240	4846.1824	SS
	64.33		L6A13	144	5262.1373	4859.4035	SS
	61.66		2SETHUB	150	5339.4909	5336.4679	TRA
	66.52		3FNDHUB	151	5586.3076	4853.2521	TRA
	66.86		8SETPK	152	5650.3650	5141.3102	TRA
	64.43		1SETTK	153	5636.3547	5435.1004	SS
	62.82		TOPSETIP	154	5375.7686	5225.6130	SS
	59.32		D1	155	5386.3881	5288.8560	SS
	62.03		C11	156	5404.3102	5242.0819	SS
	63.36		B7	157	5438.4174	5202.1581	SS
	63.37		B8	158	5450.1840	5189.3881	SS
	63.71		B9	159	5461.7100	5163.4522	SS
	64.25		B10	160	5460.8790	5135.3403	SS
	64.28		B1	161	5468.7777	5121.6530	SS
	64.30		C2	162	5497.8353	5123.7534	SS
	63.69		B5	163	5481.7452	5198.9748	SS
	63.11		B6	164	5466.4628	5213.4954	SS
	62.29		C10	165	5430.2787	5253.4826	SS
	62.36		C9	166	5463.8087	5279.4014	SS
	61.92		C8	167	5479.8597	5307.4346	SS
	58.81		D3	168	5440.3977	5324.9686	SS

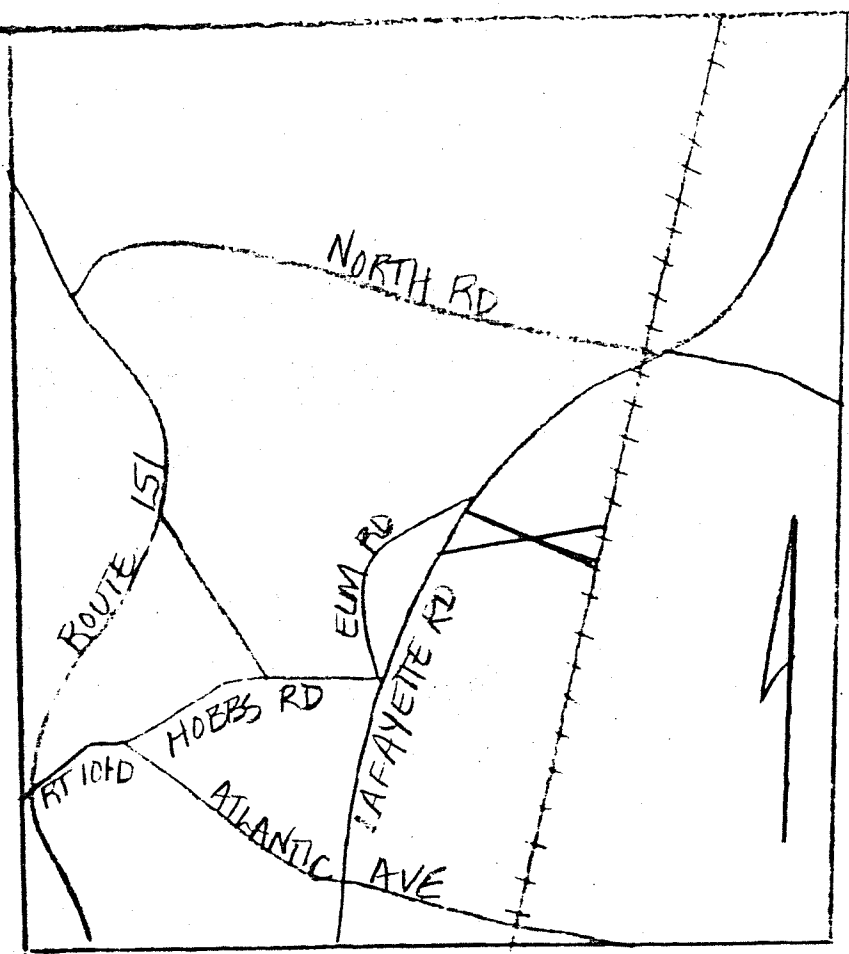
Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----08-24-2023-----15:28:20-----D:... \BMTHIRD							
	59.12	D2		169	5421.1357	5298.8604	SS
	59.39	D4		170	5449.9789	5363.5554	SS
	59.30	D5		171	5457.3313	5388.7801	SS
	60.32	D6		172	5460.5948	5414.0994	SS
	60.23	D7		173	5476.9297	5438.7307	SS
	59.31	CORPOND		174	5373.9252	5290.3688	SS
	57.59	EDPONDWA		175	5366.8443	5331.8530	SS
	61.79	CORFNC		176	5355.9124	5385.7014	SS
	86.65	7SETHUB		177	6143.3586	4593.9395	SS
	68.54	A10		178	5749.7540	4772.3340	SS
	68.47	A9		179	5773.0530	4827.8881	SS
	67.77	A8		180	5784.1345	4882.9256	SS
	68.12	A7		181	5821.6711	4916.0611	SS
	68.48	A6		182	5856.2379	4964.3261	SS
	68.63	A5		183	5889.9629	5006.5567	SS
	68.07	LT11A13		184	5661.5250	4660.8953	SS
	68.07	A11		185	5717.7451	4733.0698	SS
	66.40	FNDNL		186	5571.6208	4831.4711	SS
	63.53	FNDNL		187	5346.5397	5012.6369	SS
	70.61	@FNDIP		188	5935.2273	5024.2149	SS
	67.59	A4		189	5894.2437	5049.9200	SS
	67.00	A3		190	5896.6211	5088.9555	SS
	66.86	A2		191	5923.7148	5127.0788	SS
	67.85	LT6A1		192	5970.7086	5123.1134	SS
	66.44	@IPBENT		193	5838.0880	5211.2543	SS
	64.28	@IP		194	5783.2457	5327.7282	SS
	66.26	E6		195	5616.7557	5095.1494	SS
	66.42	E4		196	5637.5926	5028.7425	SS
	66.49	E5		197	5644.1317	5065.2853	SS
	65.20	E7		198	5588.8403	5110.8096	SS
	65.22	E1		199	5550.4445	5076.4790	SS
	65.51	E2		200	5557.3725	5034.6317	SS
	64.14	B2		201	5498.0074	5124.8889	SS
	64.73	B3		202	5502.9620	5144.1327	SS
	63.81	LT8B4		203	5483.2330	5165.4059	SS
	65.10	E8		204	5569.1538	5132.0271	SS
	64.91	E9		205	5552.7887	5099.4660	SS
	65.98	E3		206	5595.3774	5038.2182	SS
	59.59	BASEIP		207	5636.8987	5569.6393	SS
	62.62	C3		208	5587.4255	5448.8707	SS
	61.00	LT9C1		209	5553.4300	5495.1775	SS
	61.61	LT3D10		210	5554.2653	5487.5041	SS
	62.45	C2		211	5579.7656	5471.1385	SS
	62.54	C4		212	5559.0620	5417.8239	SS
	61.39	C5		213	5512.7326	5418.5880	SS
	61.68	C6		214	5490.5396	5387.1401	SS
	61.71	C7		215	5478.1781	5345.6651	SS
	60.65	D8		216	5513.8646	5448.1194	SS
	61.27	D9		217	5547.0202	5463.1680	SS
				218	6245.0485	4199.3368	TRA
				219	6318.7062	4297.6311	TRA
				220	5644.0000	5574.1284	TRA
	61.66	2SETHUB		250	5339.4909	5336.4679	TRA
	66.52	3FNDHUB		251	5586.3076	4853.2521	TRA
	66.86	8SETPK		252	5650.3650	5141.3102	TRA
	64.43	1SETTK		253	5636.3547	5435.1004	SS
	62.82	TOPSETIP		254	5375.7686	5225.6130	SS
	59.32	D1		255	5386.3881	5288.8560	SS

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-----08-24-2023-----15:28:20-----D:... \BMTHIRD							
	62.03		C11	256	5404.3102	5242.0819	SS
	63.36		B7	257	5438.4174	5202.1581	SS
	63.37		B8	258	5450.1840	5189.3881	SS
	63.71		B9	259	5461.7100	5163.4522	SS
	64.25		B10	260	5460.8790	5135.3403	SS
	64.28		B1	261	5468.7777	5121.6530	SS
	64.30		C2	262	5497.8353	5123.7534	SS
	63.69		B5	263	5481.7452	5198.9748	SS
	63.11		B6	264	5466.4628	5213.4954	SS
	62.29		C10	265	5430.2787	5253.4826	SS
	62.36		C9	266	5463.8087	5279.4014	SS
	61.92		C8	267	5479.8597	5307.4346	SS
	58.81		D3	268	5440.3977	5324.9686	SS
	59.12		D2	269	5421.1357	5298.8604	SS
	59.39		D4	270	5449.9789	5363.5554	SS
	59.30		D5	271	5457.3313	5388.7801	SS
	60.32		D6	272	5460.5948	5414.0994	SS
	60.23		D7	273	5476.9297	5438.7307	SS
	59.31		CORPOND	274	5373.9252	5290.3688	SS
	57.59		EDPONDWA	275	5366.8443	5331.8530	SS
	61.79		CORFNC	276	5355.9124	5385.7014	SS
	86.65		7SETHUB	277	6143.3586	4593.9395	SS
	68.54		A10	278	5749.7540	4772.3340	SS
	68.47		A9	279	5773.0530	4827.8881	SS
	67.77		A8	280	5784.1345	4882.9256	SS
	68.12		A7	281	5821.6711	4916.0611	SS
	68.48		A6	282	5856.2379	4964.3261	SS
	68.63		A5	283	5889.9629	5006.5567	SS
	68.07		LT11A13	284	5661.5250	4660.8953	SS
	68.07		A11	285	5717.7451	4733.0698	SS
	66.40		FNDNL	286	5571.6208	4831.4711	SS
	63.53		FNDNL	287	5346.5397	5012.6369	SS
	70.61		@FNDIP	288	5935.2273	5024.2149	SS
	67.59		A4	289	5894.2437	5049.9200	SS
	67.00		A3	290	5896.6211	5088.9555	SS
	66.86		A2	291	5923.7148	5127.0788	SS
	67.85		LT6A1	292	5970.7086	5123.1134	SS
	66.44		@IPBENT	293	5838.0880	5211.2543	SS
	64.28		@IP	294	5783.2457	5327.7282	SS
	66.26		E6	295	5616.7557	5095.1494	SS
	66.42		E4	296	5637.5926	5028.7425	SS
	66.49		E5	297	5644.1317	5065.2853	SS
	65.20		E7	298	5588.8403	5110.8096	SS
	65.22		E1	299	5550.4445	5076.4790	SS
	65.51		E2	300	5557.3725	5034.6317	SS
	64.14		B2	301	5498.0074	5124.8889	SS
	64.73		B3	302	5502.9620	5144.1327	SS
	63.81		LT8B4	303	5483.2330	5165.4059	SS
	65.10		E8	304	5569.1538	5132.0271	SS
	64.91		E9	305	5552.7887	5099.4660	SS
	65.98		E3	306	5595.3774	5038.2182	SS
	59.59		BASEIP	307	5636.8987	5569.6393	SS
	62.62		C3	308	5587.4255	5448.8707	SS
	61.00		LT9C1	309	5553.4300	5495.1775	SS
	61.61		LT3D10	310	5554.2653	5487.5041	SS
	62.45		C2	311	5579.7656	5471.1385	SS
	62.54		C4	312	5559.0620	5417.8239	SS
	61.39		C5	313	5512.7326	5418.5880	SS

JOB #4 166luck [348]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----08-24-2023-----15:28:20-----D:...\BMTHIRD							
		61.68	C6	314	5490.5396	5387.1401	SS
		61.71	C7	315	5478.1781	5345.6651	SS
		60.65	D8	316	5513.8646	5448.1194	SS
		61.27	D9	317	5547.0202	5463.1680	SS

Point#, Start#-End# or G#= 4-



SITE PLAN
FOR
EDWARD LUCK
IN
NORTH HAMPTON, N.H.
SCALE: 1" = 50' MAY 1984 REVISED JULY 1984
PARKER SURVEY ASSOC., INC.
EXETER & SEABROOK, N.H.
SHEET 1 OF 6 SHEETS

TEST PITS DATE 3/1/84 INSPECTED BY R. HAMMEN STATE OF NH

#1	94.0	#2	91.3	#3	87.8	#4	89.4
0.5' LOAM	93.5	0.5' LOAM	91.3	0.5' LOAM	87.8	0.5' LOAM	89.4
2.3' GRAVEL	91.7			1.5' SILTY LOAM		2.0' COARSE SAND	ESHD (MOTTLES)
5.0' MED FINE SAND	87.0 ESHD	5.0' WARRICK SAND	86.0 ESHD	2.0' COARSE SAND	ESHD (MOTTLES)	4.0' COMPACT SAND W/ CLAY	
4.0' COARSE SAND	84.0	11.5' SAND & GRAVEL	80.0 ± OBS H ₂ O	4.0' DENSE COMPACT SAND & CLAY	OBS. F ₂ O	7.0' SANDY FINE CLAY	
10' NO OBS H ₂ O						9.1' FINE SAND	

N/F SMITH

PERC TEST DATE 3/7/84

#1	MIN/IN	30"
#3	4	MIN/IN 30"

SOIL CLASS
510, 538
PER USDA-SCS SOIL MAP
BENCHMARK
TOP OF IRON PIPE AT RT 1
ELEV 100.0 ASSUMED

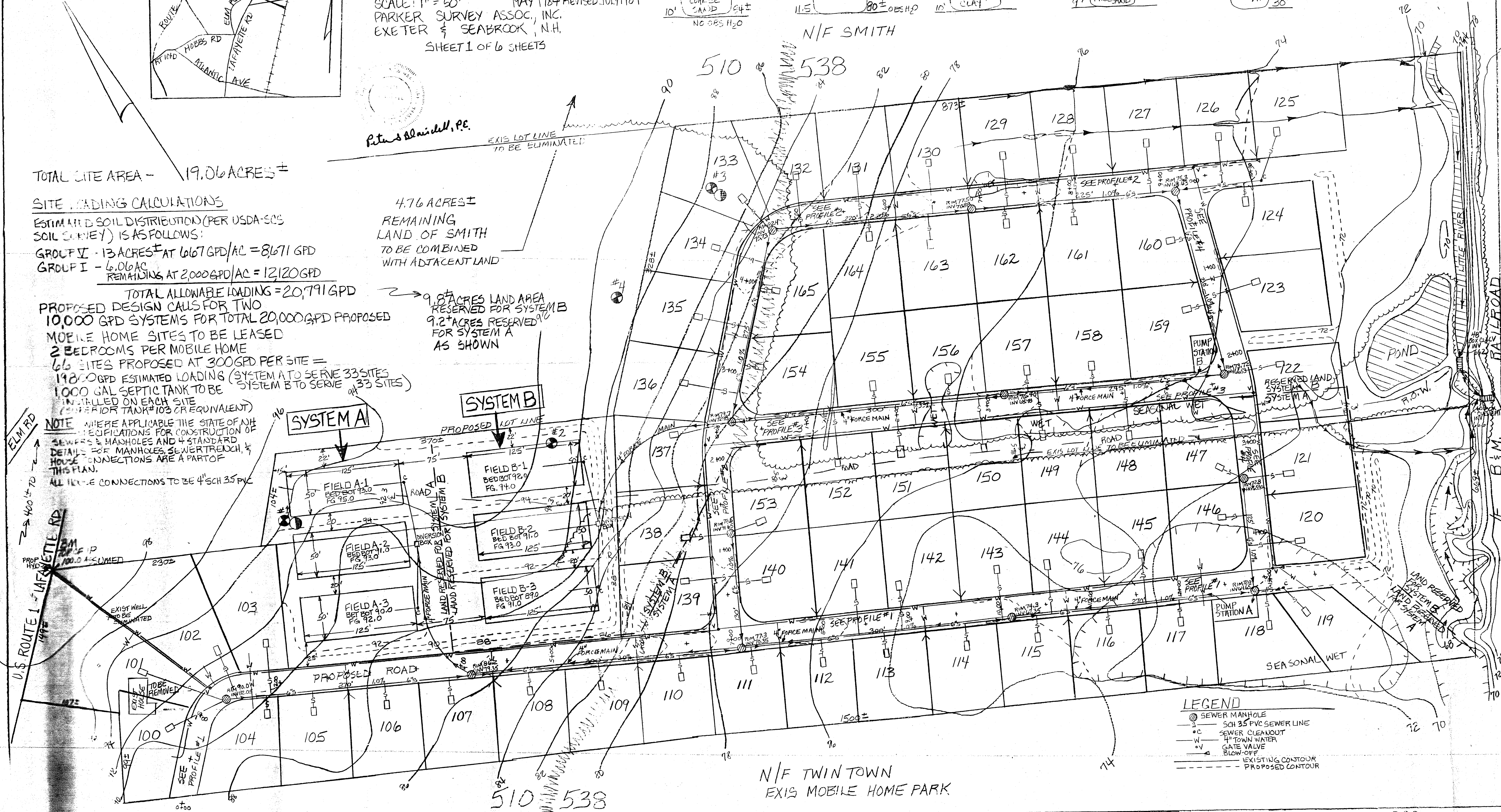
TOTAL SITE AREA - 19.06 ACRES ±

SITE LOADING CALCULATIONS
ESTIMATED SOIL DISTRIBUTION (PER USDA-SCS SOIL SURVEY) IS AS FOLLOWS:
GROUP II - 13 ACRES ± AT 667 GPD/AC = 8,671 GPD
GROUP I - 6.06 ACRES ± AT 2,000 GPD/AC = 12,120 GPD

TOTAL ALLOWABLE LOADING = 20,791 GPD
PROPOSED DESIGN CALLS FOR TWO 10,000 GPD SYSTEMS FOR TOTAL 20,000 GPD PROPOSED MOBILE HOME SITES TO BE LEASED 2 BEDROOMS PER MOBILE HOME 66 SITES PROPOSED AT 300 GPD PER SITE = 19,800 GPD ESTIMATED LOADING (SYSTEM A TO SERVE 33 SITES 1,000 GAL SEPTIC TANK TO BE INSTALLED ON EACH SITE (SUPERIOR TANK #103 OR EQUIVALENT) SYSTEM B TO SERVE 33 SITES)

NOTE WHERE APPLICABLE THE STATE OF NH SPECIFICATIONS FOR CONSTRUCTION OF SEWERS & MANHOLES AND 4" STANDARD DETAILS FOR MANHOLES, SEWER TRENCH, & HOUSE CONNECTIONS ARE A PART OF THIS PLAN.
ALL HOUSE CONNECTIONS TO BE 4" SCH 35 PVC

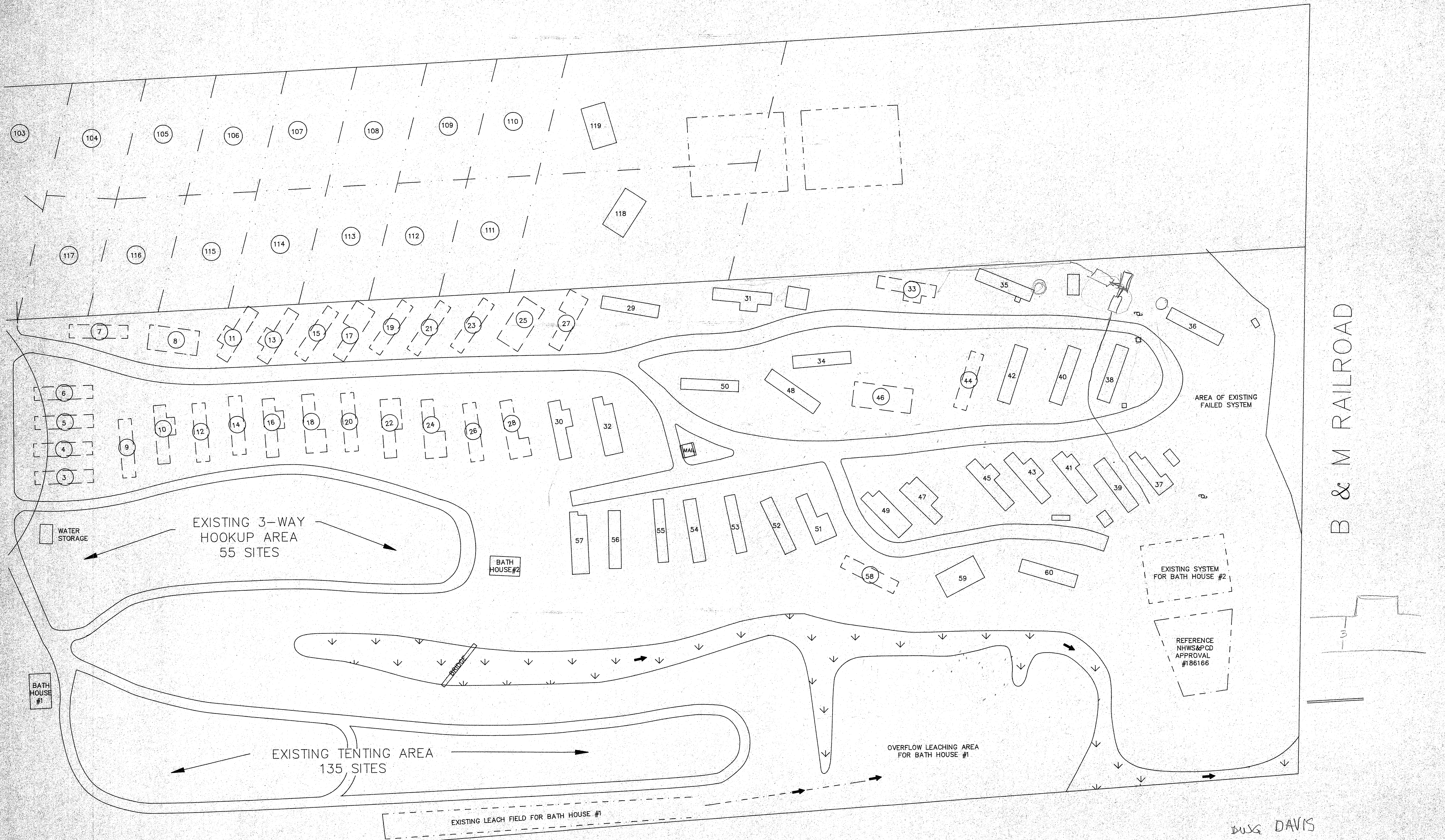
4.76 ACRES ±
REMAINING LAND OF SMITH TO BE COMBINED WITH ADJACENT LAND
9.84 ACRES LAND AREA RESERVED FOR SYSTEM B
9.2 ACRES RESERVED FOR SYSTEM A AS SHOWN



- LEGEND
- SEWER MANHOLE
 - SCH 35 PVC SEWER LINE
 - SEWER CLEANOUT
 - 4" TOWN WATER
 - GATE VALVE
 - BLOW-OFF
 - EXISTING CONTOUR
 - PROPOSED CONTOUR

N/F TWIN TOWN
EXIS MOBILE HOME PARK

N/F R. SMITH



DUGG DAVIS
Lays ON
Davis North
Plan Border

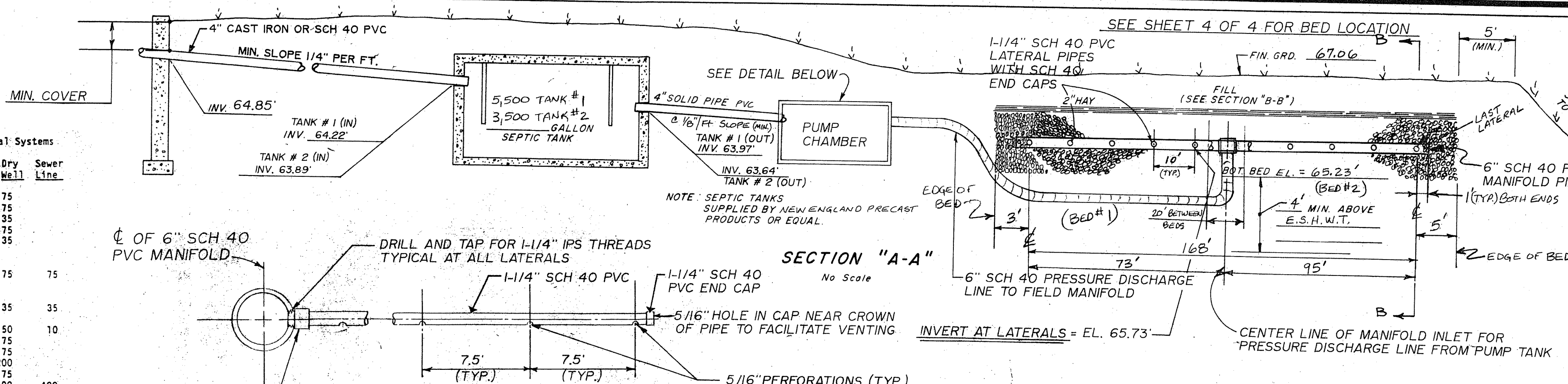
ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

REVIEWED AND APPROVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.H. DEPT. OF ENVIRONMENTAL SERVICES WATER SUPPLY & POLLUTION CONTROL DIVISION

Signed: Raymond M. [Signature]
Date: 4-28-91

Minimum Distances in Feet for Sewage Disposal Systems

	Septic Tank	Leach Bed Trenches	Dry Well	Sewer Line
Surface Water	75	75	75	75
Open Drainage	75	75	75	75
Culvert, tight pipe	25	35	35	35
Culvert, opening	50	75	75	75
Catch Basin	35	35	35	35
Interceptor Drains Below Finished Grade of Leaching Area	50	75	75	75
Interceptor Drains Above Finished Grade of Leaching Area	35	35	35	35
Swimming Pools, in ground	20	35	50	10
Private Wells, on-site	75	75	75	75
Private Wells, off site	75	75	75	75
Community Wells	200	200	200	75
Reservoirs	75	75	75	75
Municipal Wells	400	400	400	400
Water Lines, pressure	10	25	25	10
Water Lines, suction	50	75	75	50
Property Lines	10	10	10	10
Foundation, any type, with Foundation Drains	25	35	35	35
Foundation, full cellar, without Foundation Drains	5	10	10	10
Foundation, slab, without Foundation Drains	5	5	5	5
Top of Natural Embankment or Natural Steep Slope	5	20	20	20



DL EBARA SUBMERSIBLE SEWAGE PUMPS

MODEL DLU, DLY (MANUAL OPERATION PUMPS)

FEATURES

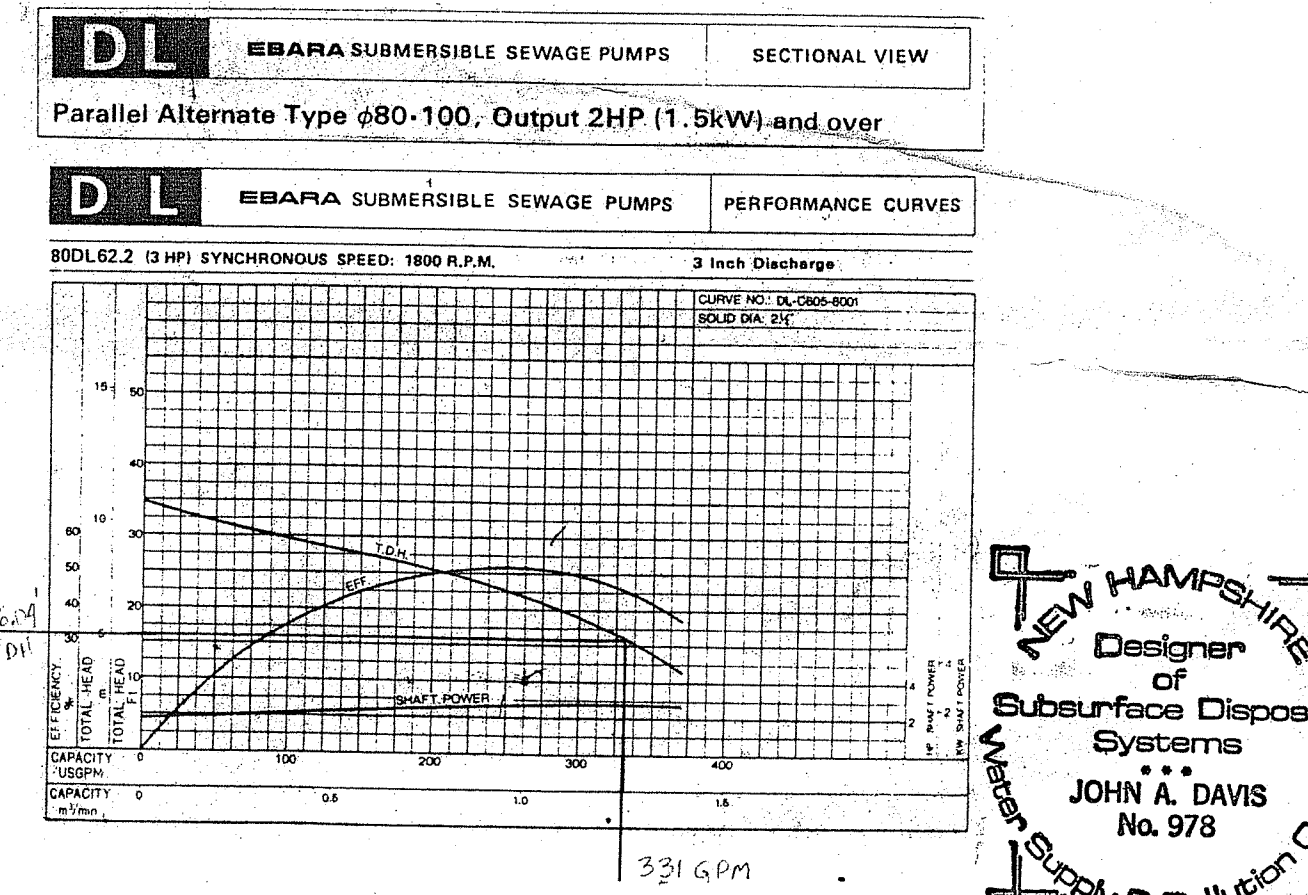
- All pumps, both small and large sizes, are standardized to serve in a variety of applications.
- Special impeller design prevents overloading under extreme pumping conditions and clogging from foreign matter.
- Quick discharge connector (optional) makes for easy mounting, detaching and maintenance.
- A built-in motor protector keeps the motor from overheating and burning due to clogging, locking by foreign substances, dry operation, and other causes.

APPLICATIONS

- Septic
- Kitchen drain
- Industrial water drainage

SPECIFICATIONS

Size	Standard
2, 3, 4 & 6 in. 12 in. <td></td>	
Range of Performance <td>Capacity 13 to 3,800 GPM Head 10 to 100'</td>	Capacity 13 to 3,800 GPM Head 10 to 100'
Location <td>122°F (50°C) for 1/2 to 10 HP 104°F (40°C) for 15 to 60 HP 102°F (39°C)</td>	122°F (50°C) for 1/2 to 10 HP 104°F (40°C) for 15 to 60 HP 102°F (39°C)
Maximum Water Temperature <td></td>	
Speed <td></td>	
Material <td>Cast Iron</td>	Cast Iron
Casing <td>401 Stainless Steel</td>	401 Stainless Steel
Impeller <td>Cast Iron</td>	Cast Iron
Shaft <td>304 Stainless Steel</td>	304 Stainless Steel
Motor Frame <td>Cast Iron</td>	Cast Iron
Penetration <td>Double Mechanical Seal</td>	Double Mechanical Seal
Mechanical Seal <td>Cast Iron/Carbon for 1/2 to 60 HP Ebron Carbon/Silicon Carbide for 1/2 to 8 HP Tungsten Carbide/Tungsten Carbide for 1 1/2 to 60 HP Seal/Seal (Model DLU)</td>	Cast Iron/Carbon for 1/2 to 60 HP Ebron Carbon/Silicon Carbide for 1/2 to 8 HP Tungsten Carbide/Tungsten Carbide for 1 1/2 to 60 HP Seal/Seal (Model DLU)
Material <td>Prelubricated Ball Bearings</td>	Prelubricated Ball Bearings
Impeller Type <td></td>	
Bearing <td>Pre-lubricated</td>	Pre-lubricated
Motor <td>3 Phase</td>	3 Phase
Motor Protection <td>Built-in Overload Protector for 1 1/2 to 10 HP Built-in Thermal Protector for 15 to 60 HP</td>	Built-in Overload Protector for 1 1/2 to 10 HP Built-in Thermal Protector for 15 to 60 HP
Accessories <td>Submersible Cable 25 ft</td>	Submersible Cable 25 ft

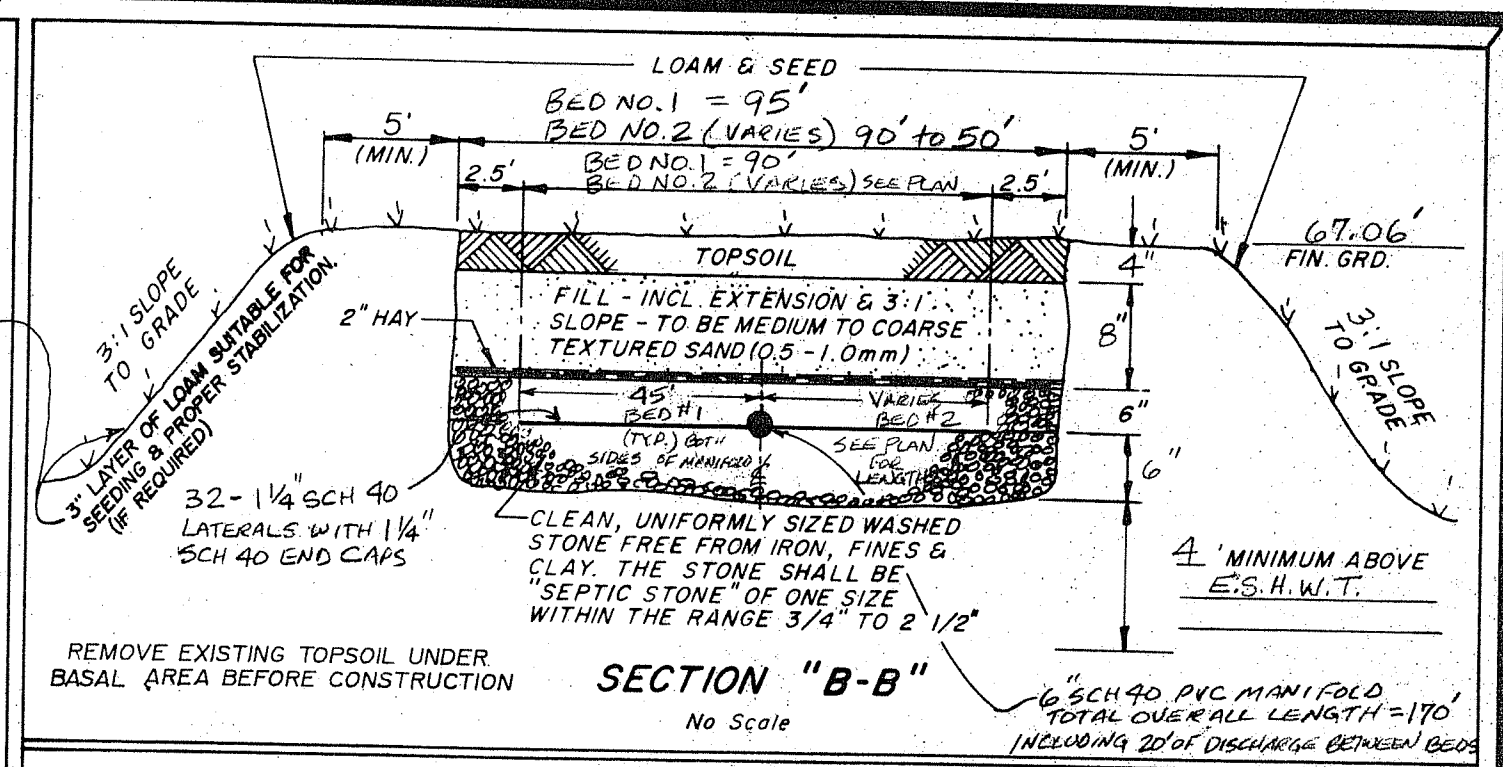


NOTES

- Products to be purchased from New England Precast (or equal).
 - 1 - 5,500 gallon septic tank
 - 1 - 3,500 gallon septic tank
 - 1 - 2,000 gallon septic tank (for pump chamber)
- Pump station to be supplied with 2 EBARA submersible sewage pumps model #80L62.2 (3HP., 220 volts, 3 phase). See specifications above or equal. 2 - flange adapters required 6" to 3" reducer between pump and manifold/system, and system to be supplied with a high water audible and visual alarm.
- This system may have to be rebuilt in place should failure occur.
- All pipes shall be sealed at concrete components with a non-shrink mortar, thick plastic cement or other sealant which can be shown to be water proof and shrink proof.
- All pipe and components shown and used from the pump side to and in the leaching field shall be "PVC SCH 40".
- SYSTEM LOADING DATA:**
 - 135 - Existing test sites at 3 people per site at 25 G.P.D. per person = 10,125 G.P.D. total between two bath houses, this design is only for one of the bath houses, (BATH HOUSE NO. 2). Split equally = 5,062.50 G.P.D. for each bath house. Plus: 55 - existing 3 - way hook up camper trailer sites at 90 G.P.D. per site = 4,950 G.P.D. total. 5,062.50 G.P.D. + 4,950 G.P.D. = 10,012.50 G.P.D. total for loading of new proposed leaching field. At percolation rate of 22 min. per inch leaching field required = 25,834 square feet. Design of Leaching Field will be a "PRESSURIZED DISTRIBUTION SYSTEM" based on 10,012.50 G.P.D. @ .8 G.P.D. per square foot or 2 min. per inch percolation rate = 12,516.25 square feet required for leaching field. 12,500 square feet provided.
- Basin area preparation to be inspected by system designer prior to fill placement. An inspection report shall be submitted to the regional inspector at the time of final inspection.

NOTE: PRESENT SYSTEM IS IN FAILURE

REV.	DATE	BY	DESCRIPTION
3			
2			
1			
0	3/18/91	JAO	ISSUED FOR N.H.W.S.P.D. APPROVAL



TEST PITS -

TEST NO. 1	TEST NO. 2
DATE: 9/26/90	DATE: 9/26/90
GRD. EL. = 62.46'	GRD. EL. = 62.63'
No observed roots	No observed roots
SY 3/2 DARK OLIVE GRAY MOTTLES @ 18"	SY 2.5/2 BLACK MOTTLES @ 18"
STOPPED DIGGING AT 72"	STOPPED DIGGING AT 72"
EL. AT LEDGE N/A	EL. AT LEDGE N/A
EL. AT S.H.W.T. 60.96'	EL. AT S.H.W.T. 61.13'
EL. AT GR. WATER 59.66'	EL. AT GR. WATER 59.33'

DESIGN CRITERIA (DEPTH OF PERC. HOLE = 20")

PERCOLATION TEST RESULTS: 22 MIN. PER INCH AT ELEV. 60.90' DATE: 9/26/90

SYSTEM LOADING DATA: SEE NOTES FOR LOADING DATA

"PRESSURIZED DISTRIBUTION SYSTEM"

DESIGN INTENT: 2 LEACH BEDS AT 6,300# + 6,270# EACH, 12,570 S.F. PROVIDED

BED BOTTOM TO BE SET: () NO DEEPER THAN "BELOW ORIG. GRADE"
(X) NOT LESS THAN 2.50' "ABOVE ORIG. GRADE"
() NO LOWER THAN ORIG. GRADE

TO MAINTAIN: (X) 4' ABOVE SEASONAL HIGH WATER TABLE
() MIN. ABOVE LEDGE DEPTH OR IMPERMEABLE SOIL

NOTES:

SOIL 299 - UDORTHENTS, SMOOTHED - PER LATEST U.S.D.A. SOILS MAP FOR TOWN OF N. HAMPTON

BENCHMARK: AS NOTED ON SHEET 4 OF 4 EL. AS NOTED

SUBDIVISION APPROVAL NO. *LOT OF RECORD DATED: N/A

DISTANCE TO NEAREST SURFACE WATER - GREATER THAN 75' AS SHOWN ON SHEET 4 OF 4

*COPY OF DEED ATTACHED TO APPLICATION

STAMPS

DESIGNER OF SUBSURFACE DISPOSAL SYSTEMS
JOHN A. DAVIS No. 978

DESIGNER OF SUBSURFACE DISPOSAL SYSTEMS
KEITH A. COLEMAN No. 823

SCALE: 1" = 3/4 MILE

LOCUS

INDIVIDUAL SEWAGE DISPOSAL SYSTEM PLAN

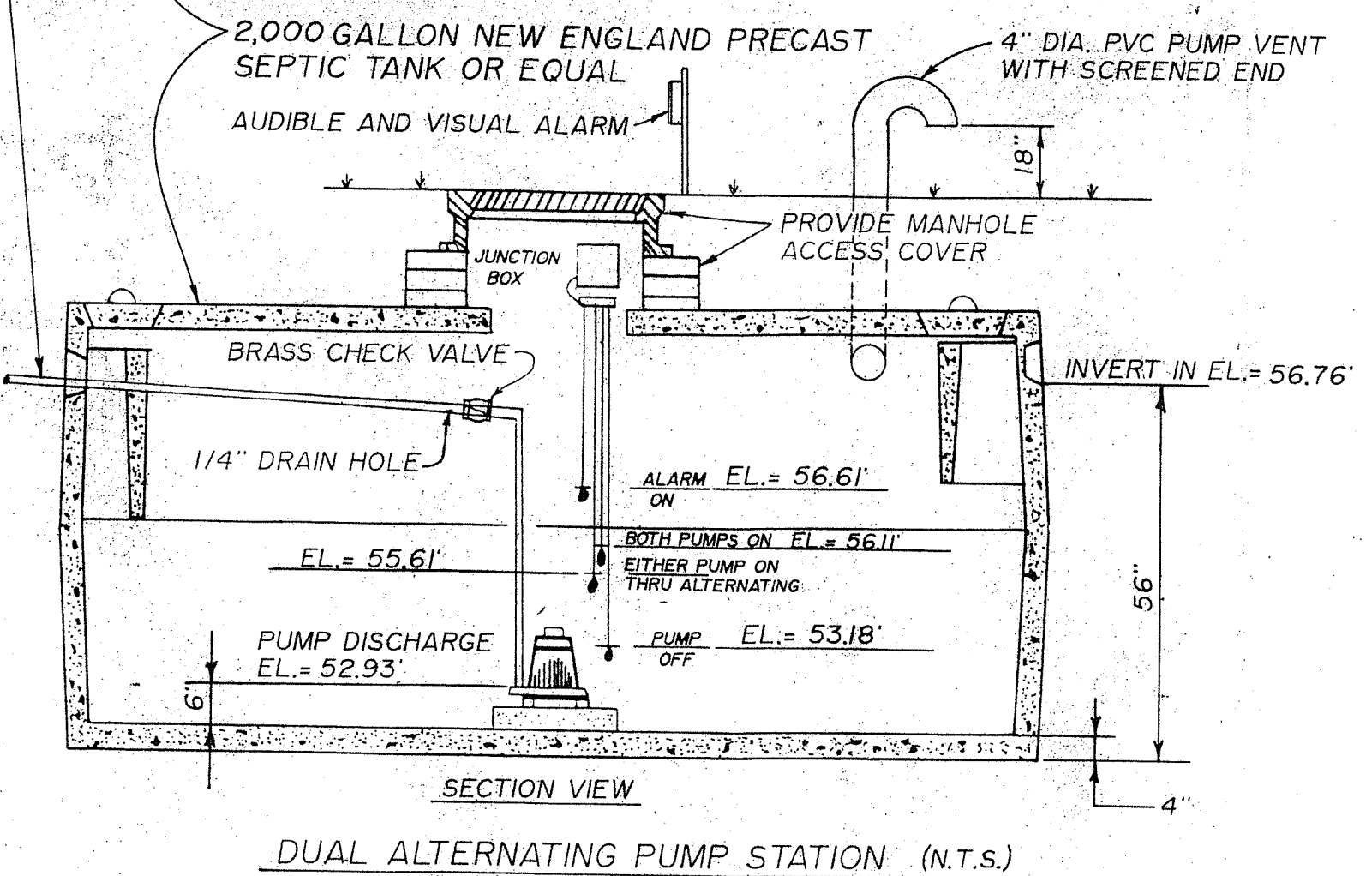
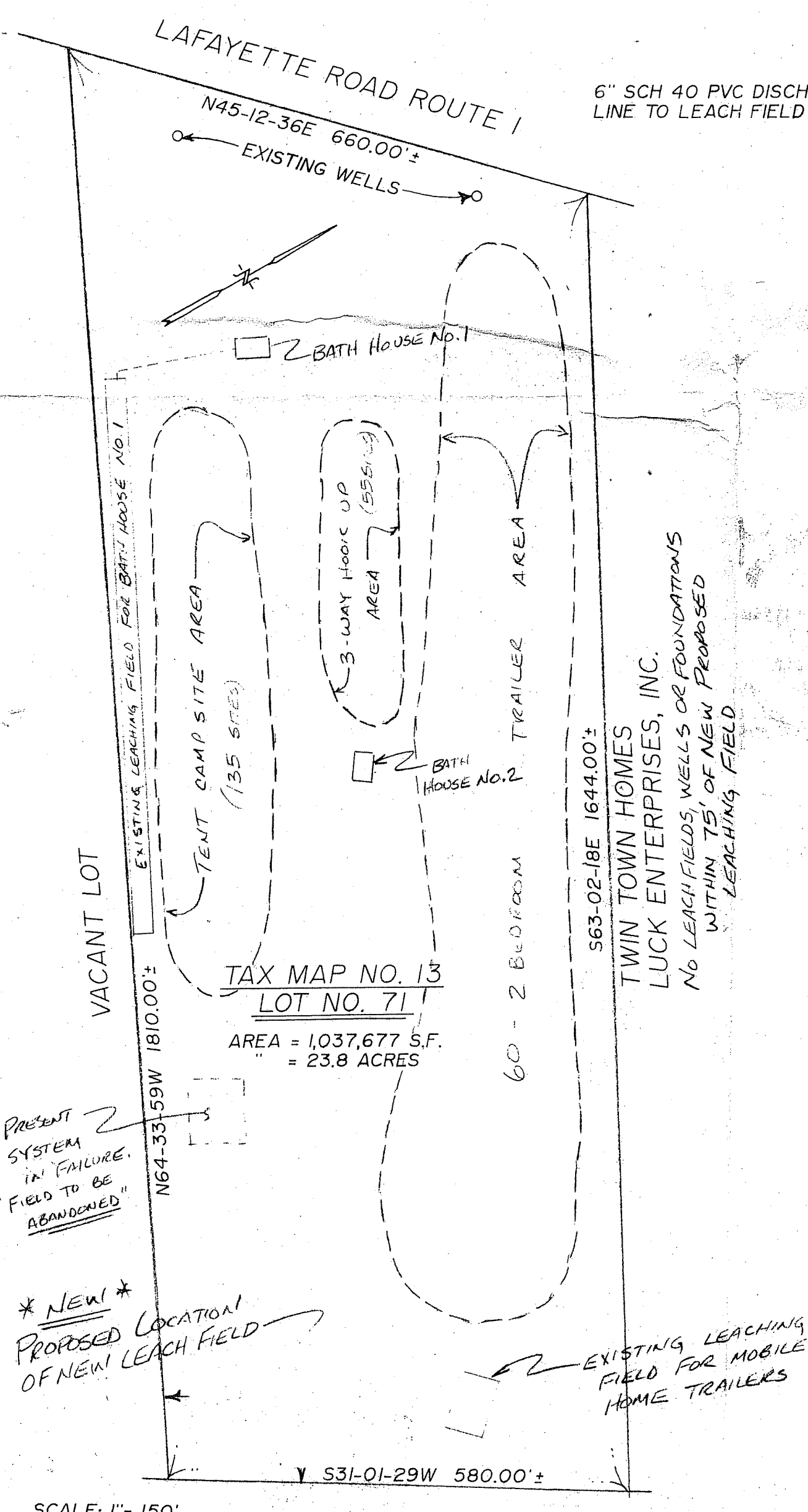
LOT TAX MAP NO. 13 LOT NO. 71

PREPARED FOR: LUCK ENTERPRISES, INC.
P.O. BOX 700
115 LAFAYETTE ROAD
NORTH HAMPTON, N.H. 03862

PREPARED BY: J.A. DAVIS & ASSOCIATES
P.O. BOX 383
NEW CASTLE, N.H. 03854
PH. NO. (603)-431-2225

SCALE: 1" = 20'

APR 03 1991

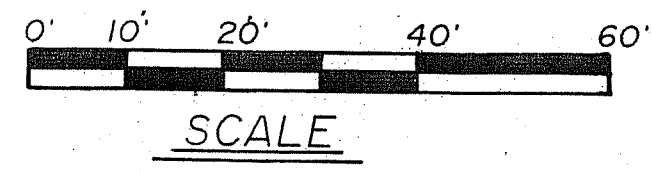


DOSING INFORMATION

(6) - Determine Dose Volume: From Work Sheet
Dose Volume From 1,491.00 GAL/DOSE to 0.2 GAL/S.F./DOSE = 2,503.13 GAL/DOSE

10,013 G.P.D. = 1,252 GALLONS PER DOSE
8 DOSES/DAY

1,252 GALLONS PER DOSE = 3.78 MINUTES
331 RUNNING TIME



REV	DATE	BY	DESCRIPTION
0	3/18/91	JAD	ISSUED FOR N.H.W.S.P.C.D. APPROVAL
1			
2			
3			

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SEE SHEETS 1 OF 4 OR 4 OF 4 FOR TAX MAP
NO. LOT NO. AND AREAS OF SUBJECT LOT.

